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<110> Deutsches Krebsforschungszentrum
<120> Peptides for inducing apoptosis in tumor cells
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Tyr Glu Ser
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 Tyr Glu Ser
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<223> randomized peptide that bind to particular IAPs

<400> 91

Gly Pro Phe Lys Arg Cys His Glu Arg Leu Val Ala Phe Ala Arg Cys $1 \hspace{1cm} 5 \hspace{1cm} 10 \hspace{1cm} 15$

Trp Phe Met Trp Ser Met Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser 20 25 30

<210> 92

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 92

Gly Pro Ser Asn Asp Asn Gln Leu Val Leu Arg Val Arg Ile Leu Arg 1 10 15

Val Leu Ile Val Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser 20 25 30

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<210> 93
<211> 25
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Ser Gly Thr Ile Pro Asp Phe Gly Pro
           20
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      24
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<400> 94
Gly Pro Ser Leu Gln Phe Leu Glu Val Val Ser Cys Tyr Met Val
Leu Tyr Asp Leu Ser Lys Gly Pro
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<211> 34
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Ile Ile Val Arg Leu Leu Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg
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Arg Tyr
<210> 96
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<212> PRT

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                                    10
Thr Arg Pro Phe Val Gly Pro
           20
<210> 97
<211> 21
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Gly Pro Asp Val His Ile Trp Gln Ser Ile Ile Phe Tyr Ala Met Arg
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His Met Met Gly Pro
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Gly Ser Gly Cys Gly Cys Phe Val Arg Gly Arg Ile Val Arg Ile Arg
Cys Val Ile Leu Leu Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
                               25
Ser
<210> 99
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Gly Pro His Ser Ser Ala His Asp Arg Ile Trp Leu Arg Val Arg Gly 10 Leu Arg Ile Ile Leu Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser 25 <210> 100 <211> 33 .. <212> PRT <213> Artificial Sequence <220> <223> randomized peptide that bind to particular IAPs <400> 100 Gly Ser Gly Leu Cys Val Arg Arg Trp Trp Gly Met Ser Val Gly Ser Arg Ile Met Leu Val Met Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu 25 Ser <210> 101 <211> 35 <212> PRT <213> Artificial Sequence <220> <223> randomized peptide that bind to particular IAPs <400> 101 Gly Pro Val Tyr Ser Glu Ala Phe Val Cys Leu Val Cys Ala Gly Val Cys Val Glu Glu Cys Gly Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg Arg Tyr <210> 102 <211> 24 <212> PRT <213> Artificial Sequence <223> randomized peptide that bind to particular IAPs

<400> 102

Gly Pro Ile Glu Thr Val Gly Phe Ile Val Arg Leu His Thr Leu Leu 15 Thr Und State Color Col

<210> 103
<211> 24
<212> PRT
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<400> 103

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Ser Leu Glu Ser Asn Met Gly Pro 20

<210> 104 <211> 33 <212> PRT <213> Artificial Sequence

<400> 104

Gly Val Arg Val Val Cys Val Val Arg Ser Leu Phe Val Leu Arg Cys 1 5 10 15

Gly Leu Leu Arg Cys Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu 20 25 30

Ser

<210> 105
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<220>
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<400> 105

Val Arg Glu Cys Ser Leu Cys Arg Val Met Val Leu Met Phe Val Leu

1 10 15

Arg Gly Ile Arg Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser

<210> 106

<211> 33

<212> PRT

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<220>

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<400> 106

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Gly Gly Cys Phe Val Cys Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu 20 25 30

Ser

<210> 107

<211> 33

<212> PRT

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<220>

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<400> 107

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Val Val Phe Leu Val Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu 20 25 30

Ser

<210> 108

<211> 32

<212> PRT

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<220>

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<400> 108

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1 5 10 15

Cys Leu Arg Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser

20 25 30

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Arg Arg Tyr
       35
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            5
Asp Ala Leu Val Cys Ile Gly Pro
<210> 111
<211> 25
<212> PRT
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Phe Leu Arg Phe Val Phe Leu Val Pro
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<210> 112 <211> 32

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Ser

<210> 116

<211> 24

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<400> 116

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Val Leu Cys His Trp Pro Gly Pro

<210> 117

<211> 34

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<400> 117

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1 5 10 . 15

Thr Leu Val Thr Leu Arg Gly Leu Asp Leu Gln Arg Ser Ser Asn Arg 20 25 30

Arg Tyr

<210> 118

<211> 32

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Gly Arg Arg Leu Ser Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser 20 25 30

<210> 123

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<212> PRT

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<400> 123

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1 10 15

Cys Ile Phe Leu Leu Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
20 25 30

Ser

<210> 124

<211> 28

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Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser 20 25

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Ser

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               5
1
Leu Arg Leu Leu Phe Trp Leu Leu Arg Ser Ala Glu Ile Tyr Glu Ser
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      32
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<400> 129
Gly Pro Ser Ser Leu Leu Arg Arg Cys Leu Ile Leu Gly Met Val Leu
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Gly Val Leu Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
        ` 20
                              25
<210> 130
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Gly Pro His Pro Val Leu Ala Val Gln Leu Ile Asn Ala Tyr Leu Gly ·
Leu Glu Arg Val Gly Arg Gly Pro
           20
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<211> 24
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<210> 132

<211> 32

<212> PRT <213> Artificial Sequence

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<400> 132

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Val Arg Arg Ala Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser